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JC520 U.S. PTO  
66/01/99

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. **97-1433**First Inventor or Application Identifier **WARREN M. FARNWORTH**Title **TEST INTERCONNECT FOR BUMPED SEMICONDUCTOR**Express Mail Label No. **EJ 578 267 169US****APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Specification [Total Pages **38**]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets **10**]
4. Oath or Declaration [Total Pages **3**]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
*[Note Box 5 below]*
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application Information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

**18. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Labelor  Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	<b>Stephen A. Gratton</b> <b>THE LAW OFFICE OF STEPHEN A. GRATTON</b>				
Address	<b>2764 South Braun Way</b>				
City	Lakewood	State	CO	Zip Code	80228
Country	US	Telephone	303 989 6353	Fax	303 989 6538

Name (Print/Type)	<b>Stephen A. Gratton</b>	Registration No. (Attorney/Agent)	<b>28,418</b>
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Signature		Date	<b>3/10/99</b>
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 2006.00)

## Complete if Known

Application Number	
Filing Date	March 10, 1999
First Named Inventor	Warren M. Farnworth
Examiner Name	
Group / Art Unit	
Attorney Docket No.	97-1433

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number  
Deposit Account Name

07-1857

Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17       Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

2.  Payment Enclosed:

Check     Money Order     Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity			
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 790	201 395	Utility filing fee	760
106 330	208 165	Design filing fee	
107 540	207 270	Plant filing fee	
108 790	208 395	Reissue filing fee	
114 150	214 75	Provisional filing fee	
SUBTOTAL (1) (\$)		760	

## 2. EXTRA CLAIM FEES

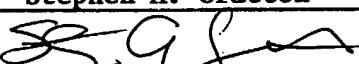
Total Claims	Extra Claims	Fee from below	Fee Paid
48	-20** = 28	x 18	= 504
Independent Claims	12 - 3** = 9	x 78	= 702
Multiple Dependent			

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity			
Fee Code (\$)	Fee Code (\$)	Fee Description	
103 22	203 11	Claims in excess of 20	
102 82	202 41	Independent claims in excess of 3	
104 270	204 135	Multiple dependent claim, if not paid	
108 82	208 41	** Reissue Independent claims over original patent	
110 22	210 11	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)		1206	

3. ADDITIONAL FEES	Fee Description	Fee Paid
Large Entity Small Entity		
Fee Code (\$)	Fee Code (\$)	
105 130	205 65	Surcharge - late filing fee or oath
127 50	227 25	Surcharge - late provisional filing fee or cover sheet
139 130	139 130	Non-English specification
147 2,520	147 2,520	For filing a request for reexamination
112 920*	112 920*	Requesting publication of SIR prior to Examiner action
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action
115 110	215 55	Extension for reply within first month
116 400	218 200	Extension for reply within second month
117 950	217 475	Extension for reply within third month
118 1,510	218 755	Extension for reply within fourth month
128 2,060	228 1,030	Extension for reply within fifth month
119 310	218 155	Notice of Appeal
120 310	220 155	Filing a brief in support of an appeal
121 270	221 135	Request for oral hearing
138 1,510	138 1,510	Petition to institute a public use proceeding
140 110	240 55	Petition to revive - unavoidable
141 1,320	241 680	Petition to revive - unintentional
142 1,320	242 660	Utility issue fee (or reissue)
143 450	243 225	Design issue fee
144 670	244 335	Plant issue fee
122 130	122 130	Petitions to the Commissioner
123 50	123 50	Petitions related to provisional applications
126 240	126 240	Submission of Information Disclosure Stmt
581 40	581 40	Recording each patent assignment per property (times number of properties)
146 790	246 395	Filing a submission after final rejection (37 CFR 1.129(a))
149 790	249 395	For each additional invention to be examined (37 CFR 1.129(b))
Other fee (specify)		
Other fee (specify)		
Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$)
		40

## SUBMITTED BY

Typed or Printed Name	Stephen A. Gratton	Reg. Number	28,418
Signature		Date	3/10/99

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**EXPRESS MAIL #EJ 578 267 169US**  
**Date of Deposit: March 10, 1999**

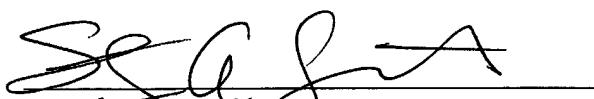
jc511 U.S. PTO  
09/266231  
03/10/99

**CERTIFICATE OF MAILING BY EXPRESS MAIL**  
**UNDER 37 C.F.R. §1.10**

I hereby certify that this patent application in the names of WARREN M. FARNWORTH and SALMAN AKRAM entitled "TEST INTERCONNECT FOR BUMPED SEMICONDUCTOR COMPONENTS AND METHOD OF FABRICATION" comprising pages 1-38 of cover sheet, specification, claims and Abstract; ten sheets of drawings; a Utility Patent Application Transmittal; a Fee Transmittal; a check in the amount of \$2006.00 for the filing fee and Assignment recording fee; a Declaration and Power of Attorney for Patent Application (Joint Inventors); an Assignment of the invention to MICRON TECHNOLOGY, INC. along with PTO Cover Sheet Form 1595 attached; an Information Disclosure Statement Under 37 C.F.R. §1.97 and §1.98 along with copies of all cited references; and a return postcard, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Assistant Commissioner of Patents, Box Patent Application, Washington, D.C. 20231.

DATED this 10th day of March, 1999.

March 10, 1999  
Date of Signature

  
Stephen A. Grattan  
Registration No. 28,418  
Attorney for Applicants

2764 South Braun Way  
Lakewood, CO 80228  
Telephone: (303) 989 6353  
Fax: (303) 989 6538

Docket No. 97-1433